

Replacement ABSTRACT

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The invention provides a contact lens which requires a predetermined orientation on an eye. The contact lens comprises an anterior surface and an opposite posterior surface. The anterior surface includes a vertical meridian, a horizontal meridian, a central optical zone, a transitional non-optical zone surrounding the central optical zone, a peripheral zone surrounding the transitional non-optical zone, and an edge zone circumscribing and tangent to the peripheral zone. The presence of the transitional non-optical zone provides a continuous transition from the central optical zone to the peripheral zone and enables separate and independent designs of the central optical zone and the peripheral zone. Orientation features are incorporated only in the peripheral zone, does not provide an prism optical distortion, and can maintain a predetermined orientation of the lens on an eye.